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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	Unassigned
				Filing Date	December 15, 2003
				First Named Inventor	Lubomyr M. Cymbalisty
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	225593

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
DL	AA	4,328,710	B1	Cymbalisty et al.	05/11/82	
ML	AB	4,365,974	B1	Elmore et al.	12/28/82	
DM	AC	4,597,852	B1	York et al.	07/01/86	
JY	AD	4,721,560	B1	York et al.	01/26/88	
YL	AE	4,786,368	B1	York et al.	11/22/88	
YL	AF	5,039,227	B1	Leung et al.	08/13/91	
YL	AG	5,264,118	B1	Cymerman et al.	11/23/93	
YL	AH	5,839,828	B1	Robert W. Glanville	11/24/98	
YL	AI	5,965,784	B1	Bracou et al.	10/12/99	
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YL	AL	6,214,213	B1	Tipman et al.	04/10/01	
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YL	AN	3,313,577	B1	S.E. Wolfe	04/11/67	
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YL	AP	630,605	B1	Gordon et al.	08/08/1899	
YL	AQ	1,451,272	B1	A.W. Robinson	04/10/1923	
YL	AR	1,662,178	B1	Nathaniel A. Yuille	03/13/28	
YL	AS	4,111,402	B1	Richard J. Barbini	09/05/78	
YL	AT	4,314,974	B1	Libby et al.	02/09/82	
YL	AU	4,725,287	B1	Gregoli et al.	02/16/88	
YL	AV	4,983,319	B1	Gregoli et al.	01/08/91	
YL	AW	5,597,236	B1	Julian B. Fasano	01/28/97	
YL	AX	6,354,730	B1	Reeder et al.	03/12/2002	
YL	AY	6,467,949	B1	Reeder et al.	10/22/2002	

FOREIGN PATENT DOCUMENTS						Translation	
Examiner Initials	Doc. No.	Foreign Patent Document		Name of Patentee or Applicant	Date of Publication	Yes	No <sup>+</sup>
		Office	Application or Patent Number				
YL	BA	GB	521,548	B1	E.F. Spanner	05/24/1940	
YL	BB	GB	569,000	B1	E.F. Spanner	04/30/45	

OTHER - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.			Translation	
					Yes	No <sup>+</sup>
YL	CA	Map entitled "What of the future" Tar sand areas of the world are now in focus, page 62a, <i>Construction Alberta News</i> , dated May 23, 1977.				
YL	CB	Map entitled "Oil Sands Region", dated December 8, 2000.				
YL	CD	Article entitled "Are Motionless Mixers on the Move?", <i>Process Engineering</i> , 10-22 thru 10-24.				
YL	CE	Article entitled "The Potential of Helically Ribbed Pipes for Solids Transport" by W. Schriek; Reprinted from the Canadian Mining and Metallurgical Bulletin, October, 1974.				

Examiner Signature		Date Considered	8/16/2005
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\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).